From wang!elf.wang.com!ucsd.edu!info-hams-relay Tue Mar 5 20:41:59 1991 remote from tosspot
Received: by tosspot (1.63/waf)
     via UUCP; Tue, 05 Mar 91 20:07:47 EST
     for lee
Received: from somewhere by elf.wang.com id aa01649; Tue, 5 Mar 91 20:41:55 GMT
Received: from ucsd.edu by news.UU.NET with SMTP
     (5.61/UUNET-shadow-mx) id AA07397; Tue, 5 Mar 91 14:37:54 -0500
Received: by ucsd.edu; id AA18270
     sendmail 5.64/UCSD-2.1-sun
     Tue, 5 Mar 91 04:30:53 -0800 for nixbur!schroeder.pad
Received: by ucsd.edu; id AA18231
     sendmail 5.64/UCSD-2.1-sun
     Tue, 5 Mar 91 04:30:32 -0800 for /usr/lib/sendmail -oc -odb -oQ/var/spool/lqueue -oi -finfo-hams-relay info-hams-list
Message-Id: <9103051230.AA18231@ucsd.edu>
Date: Tue, 5 Mar 91 04:30:30 PST
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>
Reply-To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V91 #199
To: Info-Hams@ucsd.edu

Info-Hams Digest   Tue, 5 Mar 91   Volume 91 : Issue 199

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

Date: Mon, 4 Mar 91 11:33:42 EST
From: Bill Jones <wejones@crdec7.apgea.army.mil>
Subject: ?restrictions? in usenet groups
To: Info-Hams@ucsd.edu

Until last week, our system has not had the capability of receiving usenet news, so I have been receiving mailing lists such as INFOHAMS, SWL-L,HOMESAT, and others via E-mail. When the usenet capability was activated, I decided to try reading the usenet version of these groups, only to find that:

1: There were basically no recent articals, even when new ones come in, they are a week or two old.
2: At the end of the articals are statements to the effect:

"restrictions in rec.radio.amateur.misc still in effect"

"restrictions in rec.video.satellite still in effect"

"no articals under restriction"
"restrictions in rec.radio.shortwave removed"

"no articals under restriction"
"restrictions in rec.ham-radio removed"

?What does all of this mean? Is this some sort of censorship, or are these restrictions generated locally while the usenet system is being set up?

Just curious. Thanks in advance.

Date: 4 Mar 91 23:40:00 CST
From: "812SPG" <812spg@sacemnet.af.mil>
Subject: AOR AR-1000
To: "info-hams" <info-hams@ucsd.edu>

Problem: As have other AOR AR-1000 owners, I experienced problems with the squelch and reception of my hand scanner.

Squelch - Several frequencies, particularly those in the 453-454 MHz region, had a tendency to lock up unless the squelch setting was turned to the maximum. There was also the problem of losing a previously set squelch threshold upon turning the radio off and then turning it back on again -- requiring a readjustment each time I

"fired up" the AR-1000.

Reception - From day one, reception with this radio was never something to write home about. Some received stations were below average reception-wise, while other stations could not be picked up at all. As time went on, and out of desperation, I discovered that each frequency was off by approximately 5-10 KHz. I found that by decreasing each entered frequency by 5-10 KHz, reception markedly improved! However, I found this technique to be very time consuming and not worth the money I had invested in the radio.

Solution: I placed a call to ACE Communications and told them about the "off-center" frequency problem. As my radio was under warranty, they instructed me to ship it to them for calibration.

I sent the unit via UPS on a Friday, and not expecting to see it again for at least 2 weeks, went on with life. The following Wednesday, I was shocked to get a call from the wife, who informed me that a package had just arrived from ACE Communications!

Upon arriving home, I immediately checked my radio and was again shocked. In addition to the "off-center" frequency problem having been fixed, the squelch now operated perfectly! It was now operating like a whole different radio!

Conclusion: For those that may be experiencing the same problems I had with my AR-1000 -- take advantage of your warranty and send it in for a "checkup" to the fine folks at ACE! And, in my opinion, the people at ACE were superb in both service and turnaround time.

Larry Zielasko

INTERNET: 812spg@sacemnet.af.mil

Date: 4 Mar 91 14:47:12 GMT
From: zaphod.mps.ohio-state.edu!samsung!noose.ecn.purdue.edu!en.ecn.purdue.edu!ghg@tut.cis.ohio-state.edu (George Goble)
Subject: bad shortwave blackout
To: info-hams@ucsd.edu

recent reports indicate that this week is declining or steady solar activity.. around 8:50AM (local, est), 1350 GMT, today, 3/4/91, there was an HF blackout.. nothin' 5-30 Mhz! Background noise was normal. Heard a couple of "local" hams on 40m talking about the same thing. Things were pretty much back to normal

in 15 mins or so, with the higher freqs coming back first.
Location: Lafayette, In. AM BC (670 Khz) from Chicago, WMAQ
seemed to be unaffected though.

--ghg

Date: 1 Mar 91 03:47:03 GMT
From: snorkelwacker.mit.edu!usc!cs.utexas.edu!helps!bongo!julian@bloom-beacon.mit.edu (Julian Macassey)
Subject: Doldrums
To: info-hams@ucsd.edu

I wonder if anyone has noticed the dearth of articles since we went to the wonderful rec.radio.splut distribution. Used to be I whiled away precious hours reading about Morris building character. And oh the fun I had reading how if you turn on a walkie-talkie on a plane it will go down in flames.

For days I have seen only a few dull articles. Yes Esmerelda, I am subscribed to rec.radio.everything.including.lawyers and I am aliased. Was the new splut system supposed to improve the quality? Maybe we should be told.

--
Julian Macassey, n6are julian@bongo.info.com ucla-an!denwa!bongo!julian
742 1/2 North Hayworth Avenue Hollywood CA 90046-7142 voice (213) 653-4495

Date: 4 Mar 91 17:57:40 GMT
From: chiton!rec@ucsd.edu (Richard Currier)
Subject: Doldrums
To: info-hams@ucsd.edu

In article <332@bongo.UUCP> julian@bongo.info.com (Julian Macassey) writes:
> I wonder if anyone has noticed the dearth of articles since we went
>to the wonderful rec.radio.splut distribution. Used to be I whiled
>away precious hours reading about Morris building character. And oh
>the fun I had reading how if you turn on a walkie-talkie on a plane
>it will go down in flames.

Looks like the net gods of boredom have struck. I have never seen a group die so fast as this one. I saw no need to split up the group in the first place

and still don't see why it was done.
>
>   For days I have seen only a few dull articles. Yes Esmerelda, I am
>subscribed to rec.radio.everything.including.lawyers and I am aliased.
>Was the new splut system supposed to improve the quality? Maybe we
>should be told.

I think it was supposed to get rid of the code/no-code, YS (young snots)/OF flame wars. The problem is those were the only posts worth reading. What the group needs is some really outrageous statements in the "misc" sub-group. How about.."Packet BBS's sysops SHOULD be held responsible for all traffic that passes through their systems. The amateur spectrum is wasted on computer dweebs avoiding phone charges. Hold their digital feet to the fire and drive them off the air." How about that. That should get some fires started.....

     AA6PN

     AA6PN
>
>
>
>
>--
>Julian Macassey, n6are julian@bongo.info.com ucla-an!denwa!bongo!julian
>742 1/2 North Hayworth Avenue Hollywood CA 90046-7142 voice (213) 653-4495

--
     richard currier   marine physical lab   u.c. san diego
     rec@mpl.ucsd.edu
     619-534-1730

Date: 4 Mar 91 22:45:10 GMT
From: lib!thesis1.hsch.utexas.edu@tmc.edu (Jay Maynard)
Subject: Doldrums
To: info-hams@ucsd.edu

In article <332@bongo.UUCP> julian@bongo.info.com (Julian Macassey) writes:
>   I wonder if anyone has noticed the dearth of articles since we went
>to the wonderful rec.radio.splut distribution. Used to be I whiled
>away precious hours reading about Morris building character. And oh
>the fun I had reading how if you turn on a walkie-talkie on a plane
>it will go down in flames.

What dearth? The total of all of the groups seems to be about the same as

before, with possibly a slight falling off due to those of us who had
no-code rammed down our throats finally digesting it. (An anti-code comment
deserves an anti-no-code reply.) In particular, rec.radio.amateur.* has
more postings in it than my other favorite recreational group, rec.aviation,
and that matches the previous set as well.

For the record, I'm not going to claim credit for the idea of the reorg;
that honor goes to Paul Flaherty, N9FZX. I merely saw the process through.

(For those who don't understand what rec.radio.splut implies: my home system
is named splut.conmicro.com.)

>   For days I have seen only a few dull articles. Yes Esmerelda, I am
>subscribed to rec.radio.everything.including.lawyers and I am aliased.
>Was the new splut system supposed to improve the quality? Maybe we
>should be told.

Well, that was the idea behind adding the .policy group, and I'm glad to
see a lot of the legal flamage moved there. I'm not going to claim credit
for all of that, either, though.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@thesis1.hsch.utexas.edu | adequately be explained by stupidity.
  "You can even run GNUemacs under X-windows without paging if you allow
          about 32MB per user." -- Bill Davidsen "Oink!" -- me

----

Date: 4 Mar 91 15:54:34 GMT
From: usc!samsung!umich!vela.acs.oakland.edu!argo.acs.oakland.edu!SDKUO@ucsd.edu
(Steve Kuo)
Subject: Driving with a scanner in Michigan
To: info-hams@ucsd.edu

I have a question concerning having a scanner in a car in the
state of Michigan.

Section 750.508 of the Michigan Compiled Laws reads:
   Any person who shall equip a vehicle with radio receiving set
   that will receive signals ... ... unless such vehicle is used or
   owned by a peace officer or a bona fide amateur radio operator
   holding a conditional, general, advanced or extra class amateur
   license issued by the FCC ... ... shall be guilty of a misdemeanor,
   punishable by imprisonment in the county jail not more than 1 year
   or by a fine of not more than $500.00 or by both ... ...

Reading this over, I am confused as to which amateur radio license

one must hold to equip a vehicle with scanner. It is obvious that
a General class or above is allowed. But what is meant by the word
conditional? Does this allow Technician or Novice class?
Any law people out there that can help?

Steven D. Kuo
sdkuo@argo.acs.oakland.edu
sdkuo@sycom.UUCP
Oakland University, Rochester, Michigan, USA
"Go Green, Go MSU"

Date: 5 Mar 91 02:24:36 GMT
From: usc!sdd.hp.com!spool.mu.edu!samsung!interlan.InterLan.COM!
interlan.interlan.com!yetsko@ucsd.edu (Mike Yetsko)
Subject: Driving with a scanner in Michigan
To: info-hams@ucsd.edu

I'd say this law doesn't make sense anymore. Conditional was an OLD class
that was roughly general, but you didn't travel to the FCC office for your
upgrade. I think this was granted for long commutes, later changed to REAL
long commutes, and finally blown off totally. The fact that it excludes
technicians would open it up for court challenge, as technician class
operators now have privlidges in bands that border law enforcement bands.
Novice operators at 10M, 220, and 1.2GHz aren't in the same boat, but that
STILL might open it to challenge, especially if some over zealous officer
tried to enforce it for a multi-band radio.

I'd challenge the law just because I think it's assinine and stupid anyway.

Mike Yetsko
N1DVJ

Date: Tue, 5 Mar 91 01:53:20 MST
From: Ronald Claiborne <ATRC-WDA@WSMR-SIMTEL20.ARMY.MIL>
Subject: Help needed in Saudi
To: info-hams@ucsd.edu

Hello,

    I am a soldier in Saudi Arabia accessing my account by a SAT
uplink from Saudi. Now that the war is over we want to try
experimenting with some of the military commo equipment that we
have access to.

Can you suggest freqs, azm., times, etc... for moon bounce or Oscar experiments? The equipment I have access to is normally used to access a military SAT and has freq. range of 225-400MHZ.

Send reply to RCLAIBORNE@WSMR-SIMTEL20.ARMY.MIL
Include To R. Claiborne in the subject line!

Thanks for any help....

Date: 5 Mar 91 02:44:01 GMT
From: munnari.oz.au!johnh@THEORY.TN.CORNELL.EDU (John Horvath)
Subject: Looking for info on O'Neill Communications.
To: info-hams@ucsd.edu

Hello.

I am looking for address/telephone details for a company who supplies a LAWN interface unit (local-area wireless network) that connects to the serial port of a PC.

The name of the company is: O'Neill Communications (Princeton, NJ).

An article in June 1990 Byte on wireless LANs mentioned this company but gave no further details on their whereabouts.

Thanks for any help.

John (VK3DWT).

(Sorry for the cross-posting) :-)

Date: Tue, 5 Mar 1991 03:20:47 -0500
From: oler@HG.ULeth.CA (CARY OLER)
Subject: MAJOR SOLAR FLARE ALERTS - VERY HIGH SOLAR ACTIVITY OCCURRING
To: info-hams@ucsd.edu

-- MAJOR SOLAR FLARE ALERT --

MARCH 05, 1991

** WARNING - VERY HIGH SOLAR ACTIVITY **
Flare Event Summary
Potential Impact Forecast

MAJOR ENERGETIC EVENT SUMMARY

A very significant amount of major solar flaring has occurred over the past 24 hours from a region just emerging around the eastern limb. This region is still very near the east limb, hence no detail in spot activity can be discerned. However, four large major flares have occurred over the past 6 to 18 hours from the region coming into view.

The first major flare peaked at an X-ray intensity of X7. This very strong X-class flare was optically uncorrelated. It was associated with a strong Type II sweep frequency event. The estimated shock speed of the Type II was 600 kilometers per second. It was located near approximately S23E90 (or slightly beyond the east limb).

The second major flare began at 23:59 UT on 4 March, peaked at a class M6.7/2B rating at 00:09 UT on 5 March, and ended at 00:28 UT on 5 March. The location of this flare was S21E88. No sweeps were observed.

The third major flare began at 03:02 UT on 5 March, peaked at 03:12 UT and ended at 03:43 UT on 5 March. This flare was a powerful class X1.5/3N (the largest area attained by a flare in well over a year). Loops were observed on the limb with this flare. It was located at S19E89. No sweeps were observed although a coronal mass ejection is likely from this event.

The last major flare so far began at 04:58 UT, peaked at 05:06 UT and ended at 05:45 UT on 05 March. This flare reached a powerful class M9.3 x-ray level, but was optically uncorrelated. It was associated with a strong 720 s.f.u. Tenflare and a 990 s.f.u. burst at 245 MHz. No sweeps were recorded from this event, although a coronal mass ejection (CME) is likely from this event.

POTENTIAL TERRESTRIAL IMPACT FORECAST

The region(s) responsible for this recent barrage of major flaring is still not in view well enough to determine the spot and magnetic complexity. However, it is very clear that some very high magnetic gradients exist in the region now rotating into view. Hints of the activity were noticed two days ago when M-class x-ray activity was being observed without any optical counterparts. It is now evident that this M-class flare activity was most likely the result of the region now rotating into view. No significant activity was anticipated. This region is a surprise.

The major flaring which has occurred over the past 24 hours will not have any terrestrial impacts aside from possible moderate to high intensity SID's/SWF's and greater probabilities for VHF SID-induced signal enhancements.

PLEASE NOTE!! If the region(s) responsible for this major flaring continues to produce major flares over the coming week, potentially high terrestrial impacts could occur. Persons, organizations, and/or researchers who might be affected by the major flaring should take note of this and pay close attention for future major flare alerts and possible terrestrial impacts (ie. magnetic storming) later this week. It is possible that this region could quite literally blow itself out before it begins to enter the area capable of producing terrestrial impacts. More will be known in the next 24 to 48 hours as the region(s) present themselves for closer examination.

Major flaring WILL CONTINUE over the next 24 hours at least. There is not much of a threat at the present time for proton activity from the flaring regions although it is quite probable that they are throwing out protons. The flaring regions are still too far east to produce any significant proton activity. This will change as the regions travel toward the central solar meridian. Proton activity could become a factor anytime from about 08 or 09 March until the region(s) responsible rotate beyond the west limb by about 18 or 19 March (a preliminary estimate). The flare centers should begin crossing the central meridian by about 12 March.

Alerts and updates will be posted on a daily basis over the next week or so unless the activity becomes less active. The solar flux will increase to near or above 250 by 18:00 UT on 05 March.

Watch for further flare alerts and possible terrestrial impact warnings.

** End of Alert **

Date: 5 Mar 91 00:48:21 GMT
From: uhccux!munnari.oz.au!metro!otc!brendan@nosc.mil (Brendan Jones)
Subject: Radar band designations. Help!
To: info-hams@ucsd.edu

I would like to know what are the old and new radar designations are and what their exact frequency span is, ie the old bands are L, S, C, X, K etc and the new bands are D, E, F, G, J, K etc but I do not have information on what exact frequencies these bands cover.

If anyone can help me out I would appreciate a complete list of designations (old and new) covering the frequencies 1 GHz to 100 GHz at least.

Email is probably best as the only newsgroup I read out of the above list is sci.electronics.

Thanks in advance for any help!!

--
Brendan Jones | ACSnet: brendan@otc.otca.oz.au | What does
R&D Contractor | UUCP: {uunet,mcvax}!otc.otca.oz.au!brendan | your
Services R&D | Phone: (02)2873128   Fax: (02)2873299 | company
|||| OTC || | Snail: GPO Box 7000 Sydney 2001, AUSTRALIA | export?

Date: 5 Mar 91 01:25:27 GMT
From: sun-barr!newstop!exodus!itlwrk.Eng.Sun.COM!tbasche@lll-winken.llnl.gov (Todd Basche)
Subject: SONY 2010 or Grundig 500 SW Receiver Wanted
To: info-hams@ucsd.edu

HI,
I am looking for a short wave receiver , that is portable. I have looked at the Sony 2010 and the Grundig 500. I have also heard that the Sony 2001 is almost the same as the Sony 2010, is that the case ? Does the 2001 have the synchronous detector, are the specs the same overall ?
Does anyone out there have one of these they are looking to sell ? (Now that the war is over)

Thanks,
Todd Basche alias tbasche@sun.com 415-336-4821

Date: Tue, 05 Mar 91 10:38:50 SET
From: angelo <ANGELO%IPIFIDPT@ICNUCEVM.CNUCE.CNR.IT>
Subject: subscription request
To: info-hams@ucsd.edu

End of Info-Hams Digest
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